

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 25819/700163	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2005/000733	International filing date (day/month/year) 21/03/2005	(Earliest) Priority Date (day/month/year) 26/03/2004
Applicant WARNER-LAMBERT COMPANY LLC		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/000733

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/345 A61K31/22 A61P3/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, EMBASE, BIOSIS, SCISEARCH, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 190 894 B1 (THORNFELDT CARL R ET AL) 20 February 2001 (2001-02-20) claims; table 2	10-12
X	WO 02/48325 A (BAYER AKTIENGESELLSCHAFT; KOSSIDA, SOPHIA) 20 June 2002 (2002-06-20) claims	8
X	BRINKMANN, V. ET AL.: "FTY720: altered lymphocyte traffic results in allograft protection" TRANSPLANTATION, vol. 72, no. 5, 15 September 2001 (2001-09-15), pages 764-769, XP002334127 paragraph concluding remarks	8
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

30 June 2005

Date of mailing of the international search report

12/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Venturini, F

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/000733

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>MEMON, R.A. ET AL.: "Regulation of sphingolipid and glycosphingolipid metabolism in extrahepatic tissues by endotoxin"</p> <p>JOURNAL OF LIPID RESEARCH, vol. 42, 2001, pages 452-459, XP002334128 paragraph 'DISCUSSION!</p>	8
A	<p>UHLINGER D J ET AL: "INCREASED EXPRESSION OF SERINE PALMITOYLTRANSFERASE (SPT) IN BALLOON-INJURED RAT CAROTID ARTERY" THROMBOSIS AND HAEMOSTASIS, STUTTGART, DE, vol. 86, no. 5, November 2001 (2001-11), pages 1320-1326, XP009037598 ISSN: 0340-6245 the whole document</p>	1-5
A	<p>MEMON R A ET AL: "ENDOTOXIN AND CYTOKINES INCREASE HEPATIC SPHINGOLIPID BIOSYNTHESIS AND PRODUCE LIPOPROTEINS ENRICHED IN CERAMIDES AND SPHINGOMYELIN" ARTERIOSCLEROSIS, THROMBOSIS, AND VASCULAR BIOLOGY, XX, XX, vol. 18, no. 8, August 1998 (1998-08), pages 1257-1265, XP009048965 ISSN: 1079-5642 the whole document</p>	1-15
A	<p>HANADA, K.: "Serine palmitoyltransferase, a key enzyme of sphingolipid metabolism" BIOCHIMICA ET BIOPHYSICA ACTA, vol. 1632, 2003, pages 16-30, XP002334129 paragraph '03.7!</p>	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/000733

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6190894	B1	20-02-2001	US 6562606 B1	13-05-2003
			AU 4919397 A	15-05-1998
			WO 9817253 A1	30-04-1998
			AU 6413694 A	11-10-1994
			EP 0693932 A1	31-01-1996
			EP 0764017 A1	26-03-1997
			IL 109036 A	27-12-1998
			WO 9421271 A1	29-09-1994
WO 0248325	A	20-06-2002	AU 3456802 A	24-06-2002
			WO 0248325 A2	20-06-2002